Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002506.D
Acq On : 20 Aug 2015 00:20
Operator : UM/IZ
Sample : MDL-06-S
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-06-S

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:36:57 PM

Quant Time: Aug 20 04:19:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	113690	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	552822	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	317715	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	700384	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	754646	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	767410	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	14530	5.90	ng/uL	0.00
5) Phenol-d5	7.93	99	325857	31.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	185192	30.50	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	290837	34.22	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	294290	33.41	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	155617	37.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	167527	45.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	274761	34.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	443842	41.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	948381	36.26	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1166949	35.45	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	183026	38.77	ng/ul	0.00
58) Fluorene-d10	16.38	176	794860	34.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	138209	50.21	ng/ul	0.00
71) Anthracene-d10	18.22	188	1250673	36.80	ng/ul	0.00
79) Pyrene-d10	20.44	212	1318820	36.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1534980	37.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1452	0.52	ng/uL#	65
4) Benzaldehyde	7.93	77	17589	2.90	ng/ul	95
6) Phenol	7.96	94	26951	2.56	ng/ul	95
8) Bis(2-Chloroethyl)ether	8.20	93	22914	2.82	ng/ul	93
10) 2-Chlorophenol	8.37	128	23712	2.74	ng/ul	94
11) 2-Methylphenol	9.25	108	21086	2.53	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	9.35	45	30661	2.12	ng/ul#	92
14) Acetophenone	9.66	105	37496	2.86	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.63	70	17963	2.55	ng/ul	92
16) 4-Methylphenol	9.59	108	24531	2.69	ng/ul	98
17) Hexachloroethane	9.93	117	8497	2.48	ng/ul	96
20) Nitrobenzene	10.06	77	25313	2.63	ng/ul	89
21) Isophorone	10.58	82	51187	2.67	ng/ul	97
23) 2-Nitrophenol	10.78	139	14436	3.46	ng/ul	89
24) 2,4-Dimethylphenol	10.81	107	25994	2.54	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.05	93	30606	2.58	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	21969	2.84	ng/ul#	87
28) Naphthalene	11.74	128	81536	2.80	ng/ul	98
30) 4-Chloroaniline	11.83	127	37001	3.49	ng/ul	98
31) Hexachlorobutadiene	11.99	225	12485	2.79	ng/ul	96
32) Caprolactam	12.59	113	8846m	2.77	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	25575	2.64	ng/ul	97
34) 2-Methylnaphthalene	13.29	142	59866	2.88	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	26122	2.86	ng/ul	95
38) Hexachlorocyclopentadiene	13.60	237	5489	1.02	ng/ul	97
39) 2,4,6-Trichlorophenol	13.86	196	16409	2.89	ng/ul	94
40) 2,4,5-Trichlorophenol	13.94	196	18351	2.88	ng/ul	92
41) 1,1'-Biphenyl	14.25	154	76394	2.84	ng/ul	99
42) 2-Chloronaphthalene	14.31	162	57925	2.84	ng/ul	97
43) 2-Nitroaniline	14.50	65	15411	2.49	ng/ul#	80
45) Dimethylphthalate	14.83	163	79387	2.98	ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	14965	3.00	ng/ul	90
48) Acenaphthylene	15.14	152	99888	2.92	ng/ul	99
49) 3-Nitroaniline	15.30	138	18514	3.43	ng/ul#	90
50) Acenaphthene	15.47	153	65912	2.87	ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	3174	1.84	ng/ul#	1
53) 4-Nitrophenol	15.58	109	9202	2.66	ng/ul	82
54) Dibenzofuran	15.79	168	91016	2.97	ng/ul	98
55) 2,4-Dinitrotoluene	15.75	165	22591	3.19	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	16.01	232	13029	2.69	ng/ul#	97
57) Diethylphthalate	16.16	149	81569	2.86	ng/ul	99
59) Fluorene	16.43	166	77280	2.99	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.40	204	34637	2.92	ng/ul	95
61) 4-Nitroaniline	16.44	138	20213	3.23	ng/ul	87
64) 4,6-Dinitro-2-methylphenol	16.50	198	11351	3.67	ng/ul#	78
65) N-Nitrosodiphenylamine	16.62	169	66361	2.89	ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	20585	2.81	ng/ul	96
67) Hexachlorobenzene	17.42	284	24478	2.94	ng/ul	96
68) Atrazine	17.52	200	23505	2.94	ng/ul	97
69) Pentachlorophenol	17.76	266	5159	1.26	ng/ul	95
70) Phenanthrene	18.16	178	123553	3.06	ng/ul	99
72) Anthracene	18.25	178	125962	3.03	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	24869	2.61	ng/uL	95
74) Pentachlorobenzene	15.72	250	25884	2.81	ng/uL	96
75) Carbazole	18.50	167	116921	3.10	ng/ul	99
76) Di-n-butylphthalate	18.99	149	143634	2.84	ng/ul	99
77) Fluoranthene	20.10	202	139379	3.27	ng/ul	100
80) Pyrene	20.47	202	150341	3.08	ng/ul	96
81) Butylbenzylphthalate	21.27	149	68611	2.85	ng/ul	94
82) 3,3'-Dichlorobenzidine	22.09	252	53643	3.70	ng/ul	98
83) Benzo(a)anthracene	22.18	228	143397	3.11	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	101794	2.92	ng/ul	100
85) Chrysene	22.24	228	134074	3.07	ng/ul	99
87) Di-n-octyl phthalate	23.02	149	174824	2.98	ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	145717	3.06	ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	138078	3.01	ng/ul	98
91) Benzo(a)pyrene	24.74	252	144558	3.17	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.64	276	162616	3.11	ng/ul	99
93) Dibenzo(a,h)anthracene	27.65	278	137395	3.10	ng/ul	99
94) Benzo(g,h,i)perylene	28.52	276	133989	3.04	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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